

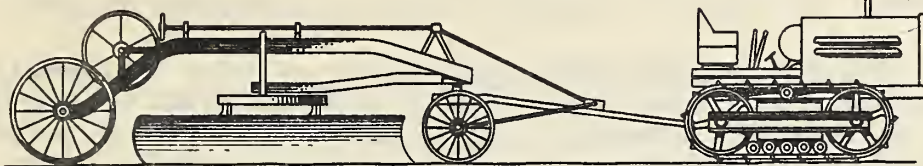
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CONSTRUCTION

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HINTS

UNITED STATES DEPARTMENT OF AGRICULTURE, FOREST SERVICE
WASHINGTON, D. C.

Volume 7

May 1941

Number 3

Much difficulty has been experienced in the last few months in having Construction Hints reproduced for distribution. Accordingly, it has been decided to make it a bi-monthly publication, at least until such time as the press of other work permits prompt distribution.

Junior Foreman George M. Day of Camp P-80, Louisiana reports that by cutting 1/2 inch off of each fan blade on recently purchased Ford trucks, adequate clearance will be provided between the fan blades and the dust pan. This eliminates, to a large extent, the possibility of fan and radiator damage which has been caused by having the dust pan pushed upward onto the pan by brush or loose stones.

The Alaska Region reports that Mr. Sherman at the Marine Station has found a way of renewing rusty and discolored carpenters squares and metal rules that appears to be worthwhile passing on. He paints the article with ready mixed aluminum paint and wipes the paint off immediately. Sufficient aluminum sticks to the article to brighten it up, bring out the figures and prevent further rusting for a long time. The article is immediately ready for use as soon as the paint is wiped off.

The sketches appearing on the following three pages show garage door fasteners as designed by the Iowa State CCC, Chariton Camp S-104 and forwarded by Region 9.

The Bumper Guard for protection of Power-Take-off, oil pump, and reservoir of Gar-Wood Trailbuilder attachment #4401 of International Tractor TD-18 shown on page 6 was first planned and installed by Henry Ison and Austin Nolan of CCC Camp P-77, Bledsoe, Kentucky. Mr. David A. Hemphill, Camp Superintendent states:

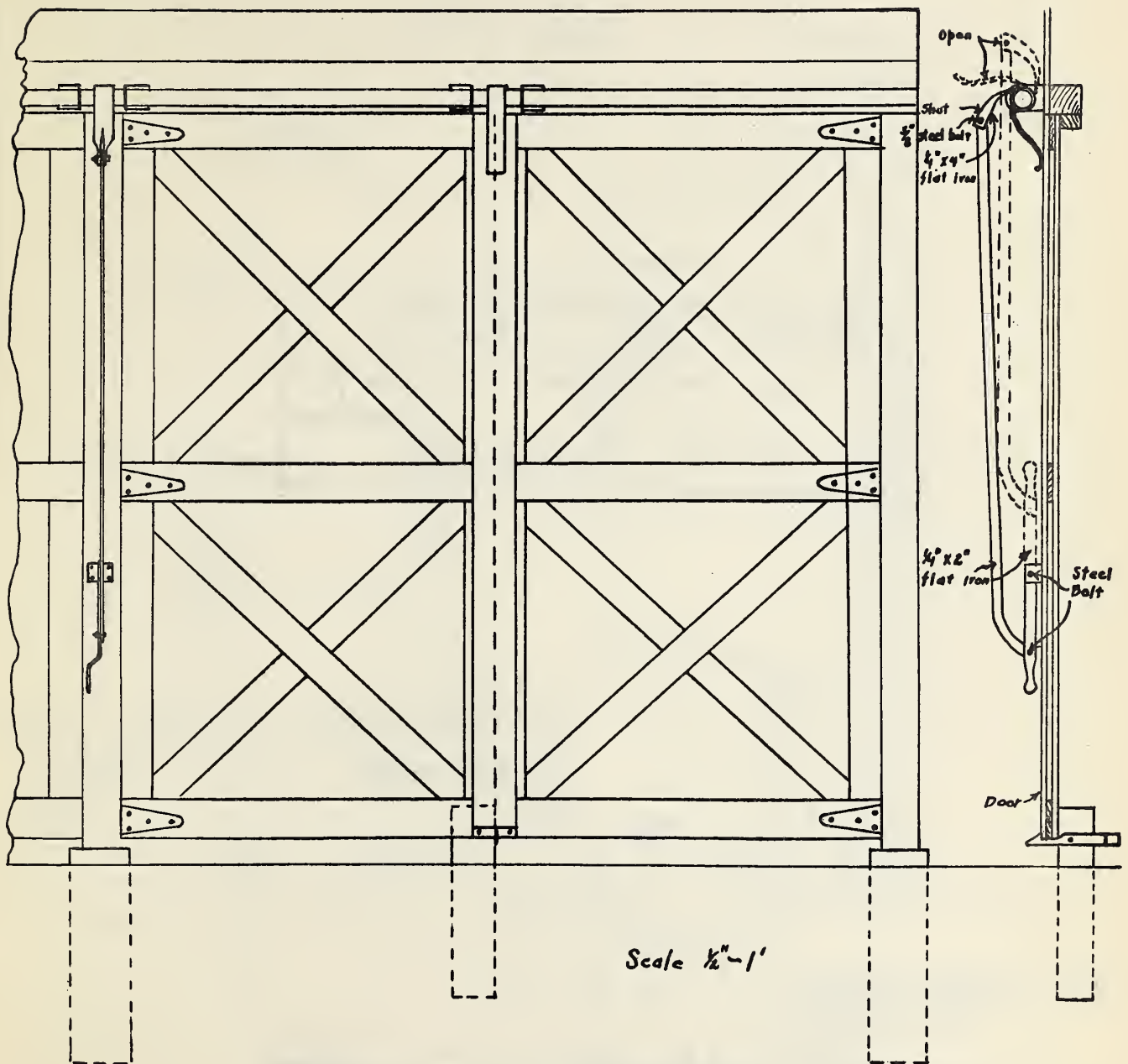
"We were of the opinion that sooner or later this machine would back into a tree, stump, bank or rock and break off the oil pump and reservoir assembly of this unit which it will be noted is particularly vulnerable to this sort of damage. Obviously any damage to this assembly would be expensive to repair.

"The 8" channel bumper guard with braces was installed on our unit with very little trouble or delay. It is not necessary to remove or disturb any present part to install the bumper guard as shown on the accompanying sketch."

The Metal Band Washer for Spring Shackle illustrated on page 8 was developed by Bryon E. Hallock, mechanic at Camp S-131, New York State. This metal band is used to reinforce the cork washers on Chevrolet shackles to prevent their breaking when using power grease guns.

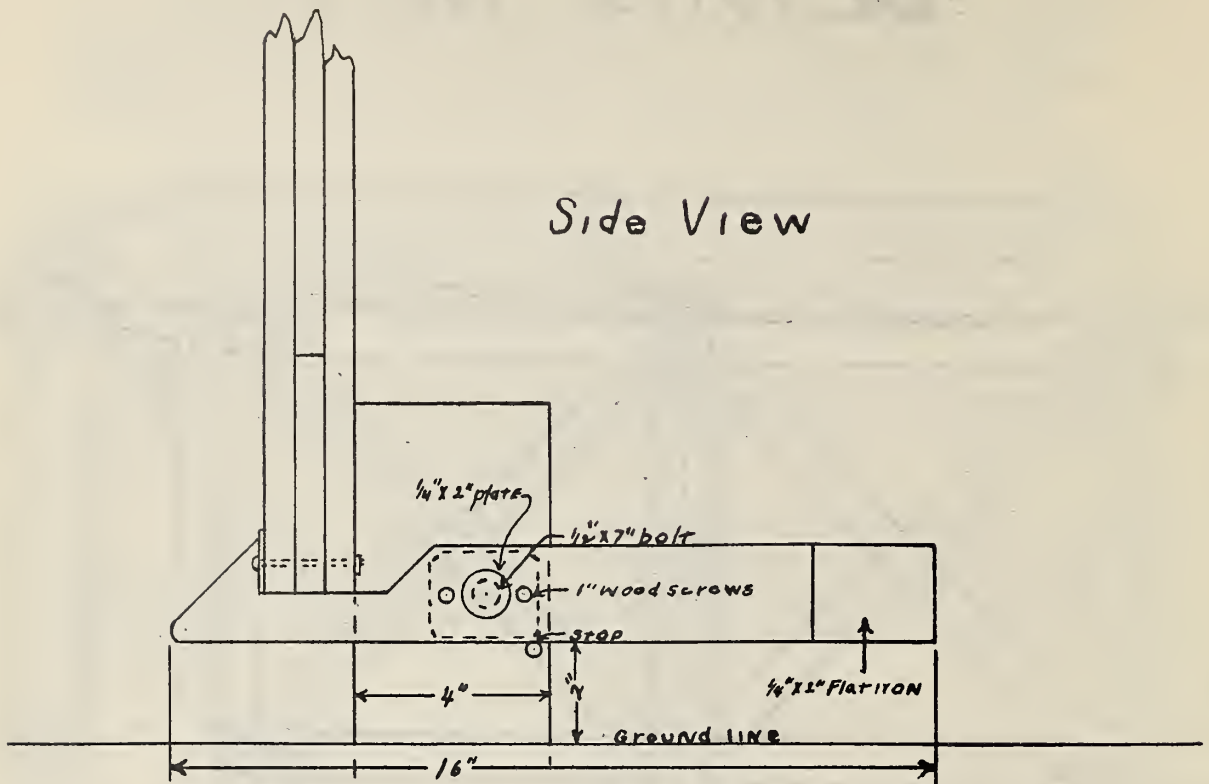
E. S. MASSIE, Jr.,
Editor.

DETAIL NO I

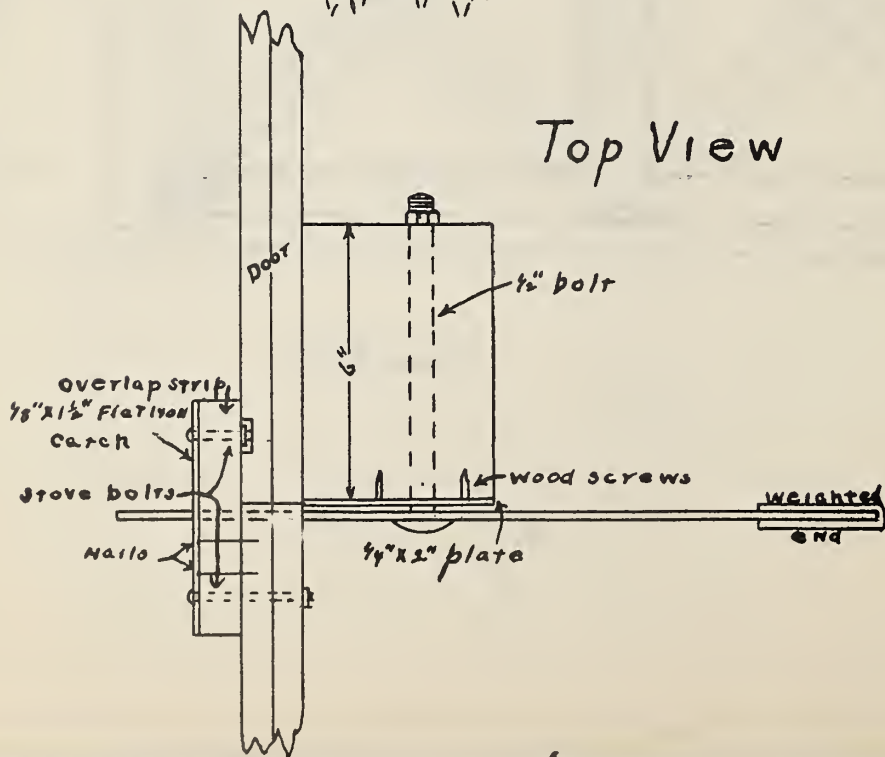


DETAIL NO II

Side View

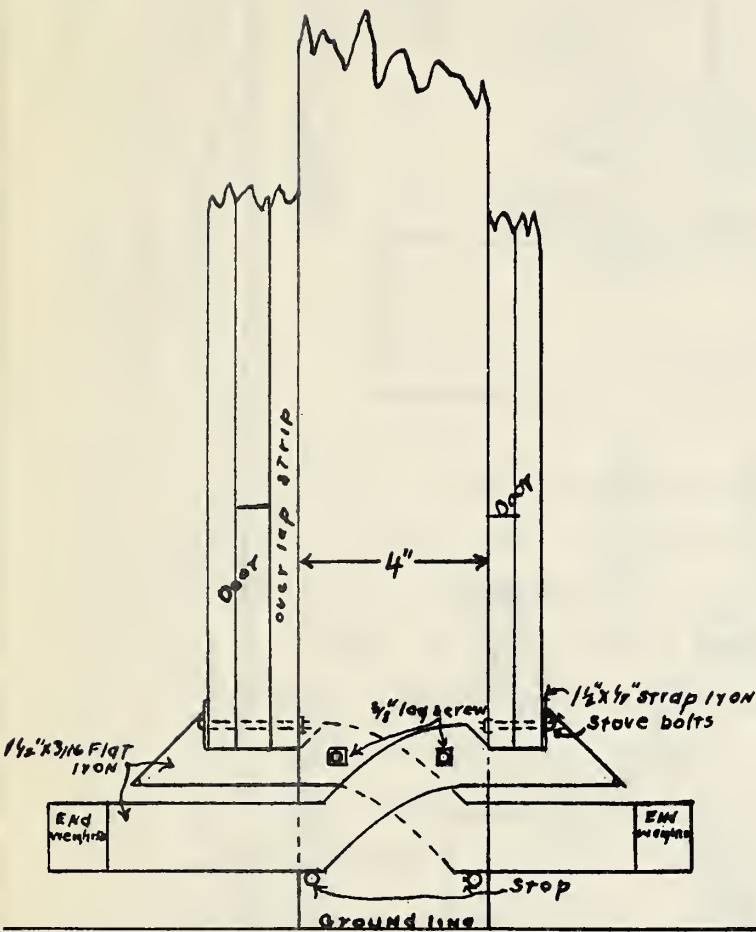


Top View



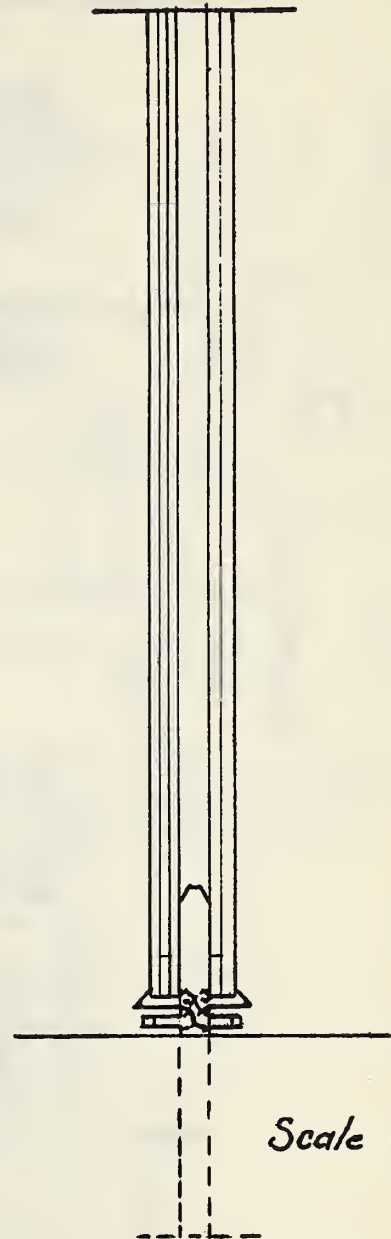
Scale. $\frac{1}{4}'' - 1$
P. Edding

DETAIL NO III



Note: catch for door with overlap strip 2" longer.

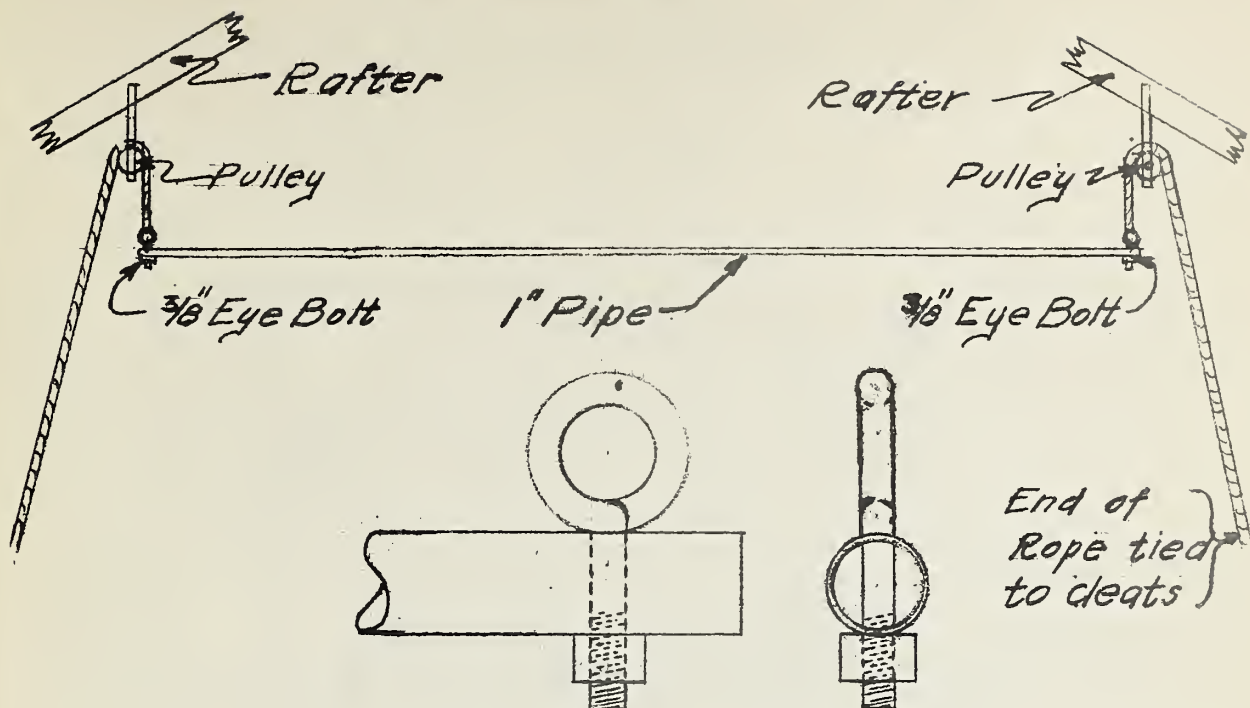
Scale $\frac{1}{8}"-1"$



Scale $\frac{1}{2}"-1"$

P. Eddings

CANVAS DRIER



Detail of Eye Bolt & Pipe

The above home made canvas drier has been made out of odds & ends that may be found in most every camp.

The drier should be made two feet longer than the truck canvas. The drier can be raised or lowered by means of pulleys attached to the rafters of the tool house. These pulleys may either be bought or made out of material at hand.

By using this drier it is possible to dry canvases completely before storing away and also eliminate the possibility of being walked on while spread on the ground.

Designed & Drawn by S.F. Layer. H.D. Rives, Supt.
3-15-41 (Res. 757) Camp S-52, New Lisbon, N.J.

METAL BAND WASHER FOR SPRING SHACKLE

FIG. 1

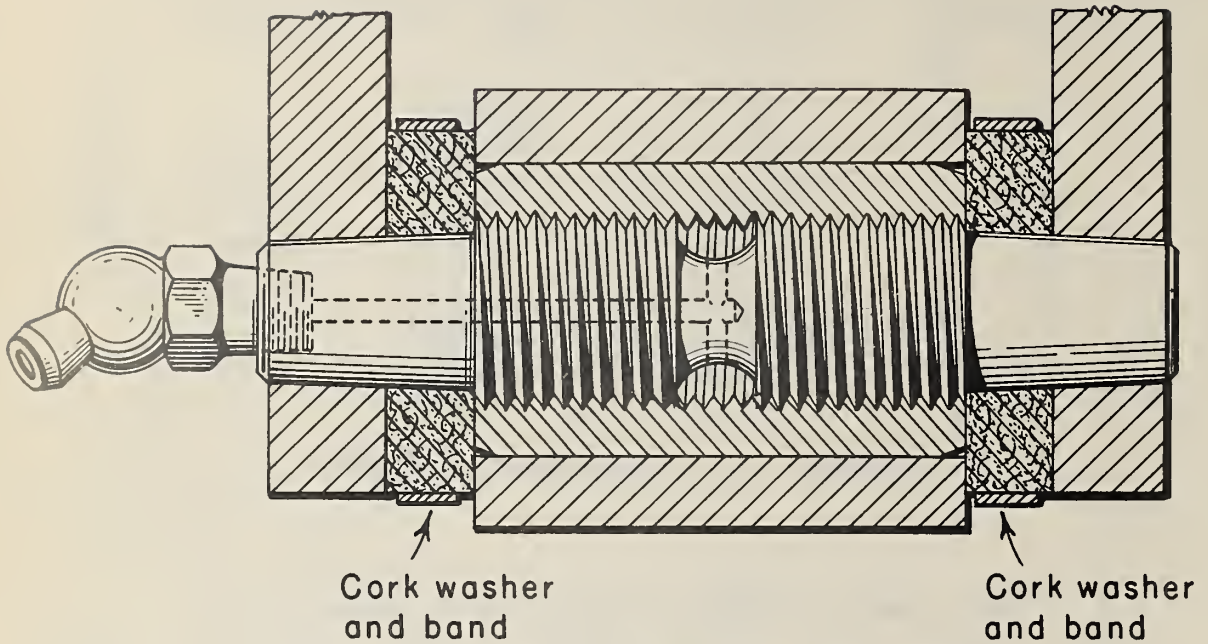


FIG. 2

